"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

SAMOYLOVICH, Georgiy Georgiyevich, prof. Prinimali uchastiye: YEREMEYEV, V.S.; KUDRITSKIY, D.N.; ZENIN, F.I.; BAKH, M.K.; CHELNOKOV, V.P.; GERTSENOVA, K.N.; RAFES, P.M.; ZAKHAROV, P.M.; DEYNEKO, V.F., doktor tekhn. nauk, prof., retsenzent; ZAKHAROV, V.K., prof., retsenzent; MIROSHNIKOV, V.S., dots., retsenzent; BELOV, S.V., doktor sel'khoz. nauk, red.

[Use of aerial photographic surveying and airplanes in forestry; aerial photography of forests and forest aviation] Primenenie aerofotos"emki i aviatsii v lesnom khoziaistve; aerofotos"emka lesov i lesnaia aviatsiia. Izd.2., dop. i ispr. Moskva, Lesnaia promyshl., 1964. 485 p.
(MIRA 17:10)

1. Kafedra lesnoy taksatsii i lesoustroystva Belorusskogo tekhnologicheskogo instituta (for Zakharov, Miroshnikov).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNEKO, V.F.

Effect of an enlargement of a photograph on certain measurement features of aerial photographs. Geod. i kart. no.5:42-48 My '64. (MIRA 17:8)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNEKO, V.G.

Machining graduated cylinders (basing errors in machining between centers). Sel'khozmashina no.9:26-28 S '53. (MLRA 6:9)
(Turning)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNEKO,V.G.

Thread roller computations. Stan. i instr. 26 no.5:20-21 My '55. (MLRA 8:8)
(Screw cutting)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

AUTHOR: Deyneko, V.G. 597

TITLE: Reduction of the Stroke in the Rolling-on of Thread. (Sokrashtheniye Dliny Khoda Pri Nakatyvanii Rez'by).

PERIODICAL: "Stanki i Instrument" (Machine Tools and Cutting Tools, No.3, 1957, pp.29-31 (U.S.S.R.).

ABSTRACT: In thread rolling machines with flat rolling formers, the component carries out a number of revolutions. It is claimed that the number of complete turns can be greatly reduced in the range of 3 mm to 10 mm threads. Several details of former geometry are discussed, a graph is given for the total profile depth from which the number of turns recommended for full profile formation is derived.

There are 7 illustrations, including 4 graphs.

There are 3 Soviet references.

Card 1/1

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

121-7-10/26

AUTHOR: DEYNEKO,V.G.

TITLE: The Rolling-In of Threads by Means of Rollers of Different Diameters. (Nakatyvaniye rezby dvumya rolikami raznykh diametrov, Russian)

PERIODICAL: Stanki i Instrument, 1957, Vol 28, Nr 7, pp 26-28 (U.S.S.R.)

ABSTRACT: The cutting of threads by rolling can be carried out with rollers of either the same or different diameter, on which occasion the difference in rotational speed is attained in 2 ways: By the same numbers of revolutions two rollers of different diameter (illustration 1) and by different numbers of revolutions of two rollers having the same diameter (illustration 2). The semi-finished material having the suitable dimensions is conveyed to the working space between the rollers either by hand or automatically; this is done at a certain speed which depends on calculation and on the character of the work. The larger roller with higher rotational speed transports the semi-finished material between the rollers, on which occasion this material rotates round its own axis and is, at the same time, pushed forward between the two rollers over the sector a a_1 (illustration 3).

Card 1/2

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

121-7-10/26

The Rolling-In of Threads by Means of Rollers of Different Diameters.

Cutting the threads is brought about as a result of the action of frictional forces. Mechanical means of pushing the semi-finished products between the rollers during the thread-cutting process are not necessary, there must only be a certain ratio between the average diameters of the driving and the driven rollers. Illustration 4 shows how the semi-finished material is seized by the rollers, and computation of the numbers of revolutions of the semi-finished material during the process is explained. Special cases of roller-thread cutting are shown by illustrations 6 and 7.
In conclusion we are told that in a number of factories the rolling-in of triangular and other profiles as well as the calibration of smooth rods has been introduced.

ASSOCIATION: Not given
PRESENTED BY:
SUBMITTED:
AVAILABLE: Library of Congress

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNEKO, V.G., inzhener.

Relationship between the precision of screw-thread rolling and finish machining of bars. Vest. mash. 37 no.7:66-68 Jl '57.
(Screw cutting) (MLRA 10:8)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

119-58-6-7/13

AUTHOR: Deyneko, V.G.

TITLE: Clean Working of the Surfaces of Blanks for Pressing- and Cleaning-Operations by the Chip-Less Method (Chistota obrabotki poverkhnostey zagotovok dlya nakatyvaniya i otdelochnykh operatsiy bez snyatiya struzhki)

PERIODICAL: Priborostroyeniye, 1958, Nr 6, pp. 23-24 (USSR)

ABSTRACT: In chip-less cleaning the part treated is clamped between two revolving rolls. The pressure brought to bear by these rolls upon the surface of the metal part causes the latter to be plastically deformed. The microprofile existing after normal working operations is smoothed out to a considerable extent with respect to its elevations and depressions.
The following method was found to be very successful also as regards volume: The part is treated by two highly polished rolls of equal diameter in which case work must be carried out with a certain feed. However, also working with the part between two rolls of different diameters gave good results.
By this method it is easily possible to increase the purity of the surface of the worked part by from 3 to 8 classes. It is

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Clean Working of the Surfaces of Blanks for Pressing- and Cleaning-Operations by the Chip-Less Method 119-58-6-7/13

therefore possible to produce accurately worked parts also without grinding, a process which envolves much more time and higher costs. There are 2 figures, 1 table, and 5 references, which are Soviet.

1. Metals—Cleaning 2. Metals—Surface properties
3. Rolling mills—Applications

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

25(2)

SOV/119-59-12-8/18

AUTHOR: Deyneko, V. G., Candidate of Technical Sciences

TITLE: Increase of Accuracy of the Rolling of Fine Threads With Plane Screw Dies by Alteration of Their Parameters

PERIODICAL: Priborostroyeniye, 1959, Nr 12, pp 17-18 (USSR)

ABSTRACT: By way of introduction the author discusses the faults resulting from inaccurate adjustment and states that a pitch error causes a 1.732-fold error of the diameter. Thread rollers are easily adjusted, whereas the adjustment of plane screw dies is complicated. A formula is given for the calculation of the length of the immobile screw die, and it is noted that the length of the mobile and immobile screw dies may not be arbitrary. A relation between the two lengths is derived, and it is shown that perfect thread surfaces can be obtained only by exact adjustment. In the case of correctly adjusted dies, accuracy is also very high. It is most convenient to make screw dies by milling since otherwise special requirements must be met concerning the relative position of the thread profile in the two dies. Next, the author discusses the nonagreement between the pitch angle of the dies and the pitch angle of the finished thread, which results from axial shift of the

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

Increase of Accuracy of the Rolling of Fine Threads With Plane Screw Dies by Alteration of Their Parameters

bolt during the rolling process. A formula is given, and it is noted that the pitch angle of the screw dies should be equal to the theoretical value or a little greater in order to prevent rupture of thread parts of the bolt. Standards are worked out for the entrance of the plane screw dies and their gripping angle. Thus, shaping of the thread is achieved over the entire length of the entrance and satisfactory work of the dies is guaranteed. Finally, the author demands to reduce cost and improve the quality of rolled threads. There are 1 figure and 1 Soviet reference.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNEKO, V.G., kand. tekhn. nauk

New floating center. Trakt. i sel'khozmash. no.12:43 D '59.
(MIRA 13:3)
(Machine tools--Attachments)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNEKO, Viktor Grigor'yevich, kand. tekhn. nauk; STAYEV, K.P., kand. tekhn. nauk, dotsent, retsenzent; REMEZOV, N.V., inzh., red.;

[New methods for continuous form rolling of screw threads and other profiles] Novye sposoby nepreryvnogo nakatyvaniia rez'b i drugikh profilei. Moskva, Mashgiz, 1961. 158 p. (MIRA 15:2)

(Screw threads) (Metalwork)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNEKO, V.G.; KOZYREV, V.D.

Automatic thread rolling on Pee-Wee universal thread-rolling machines. Priborostroenie no.9:15-17 S '62. (MIRA 15:9)
(Screw-cutting machines)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNEKO, V.G.

Increasing the productivity of machining parts on automatic lathes. Priborostroenie no.9:20-23 S '63. (MIRA 16:9)
(Turning)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNEKO, V.G.

Prerequisites for maximum efficient technology of automatic metal cutting. Priborostroenie no.9:25-28 S '64. (MIRA 17:11)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNEKO, V.G.

Reducing labor consumption in manufacturing and assembling pins with precision thread. Standartizatsiia 29 no.3:36-40 Mr '65. (MIRA 18:5)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

L 45725-65 EWT(d)/EED-2/EWP(1) Pq-4/Pg-4/Pk-4 IJP(c) BB/GG/GS
ACCESSION NR: AT5011621 UR/0000/64/000/000/0474/0480

AUTHOR: Deyneko, V.N.

25
B+1

TITLE: Parallel action summator-subtractor which uses three-stroke ferrite-diode cells with a magnetic transfer code shaper

SOURCE: Vsesoyuznoye soveshchaniye po magnitnym elementam avtomatiki, telemekhaniki, izmeritel'noy i vychislitel'noy tekhniki. Lvov, 1962. Magnitnyye elementy avtomatiki, telemekhaniki, izmeritel'noy i vychislitel'noy tekhniki (Magnetic elements of automatic control, remote control, measurement and computer engineering); trudy soveshchaniya. Kiev, Naukova dumka, 1964, 474-480

TOPIC TAGS: parallel action summator, parallel action subtractor, magnetic element computer, ferrite diode, code shaper, magnetic transfer code

ABSTRACT: A brief outline of the methods for adding two numbers on the parallel summator is followed by a detailed description of the design of a transfer code decoder and a parallel subtractor, of the basic scheme of the summator-subtractor, and of the testing of various elements of the summator-subtractor. The device has 20 binary orders including the sign and overflow digits and an addition speed on the order of 10,000 operations per second at a generator frequency of 30 Kc; the numbers are represented in the

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L 45726-65

ACCESSION NR: AT5011621

complementary code with fixed decimal point in front of the highest significant order. All magnetic logical elements operated well within the -10 to +60C temperature range. The entire device operated reliably during power supply voltage variations within ±20% of the rated values. Orig. art. has: 8 formulas and 2 figures.

ASSOCIATION: none

SUBMITTED: 29Sep64 ENCL: 00 SUB CODE: DP

NO REF SOV: 005 OTHER: 001

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNICHENKO, G.

Failure of a propaganda campaign. Sov. profsoiuzy 6 no.2:85-87 F '58. (MIRA 11:3)
(Great Britain--Economic conditions)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNICHENKO, G.

Reply of the workers of Great Britain. Sov. profsoiuzy 18 no.6:44 Mr '62. (MIRA 15:3)
(Great Britain--Machinery industry--Strikes and lockouts)
(Great Britain--Shipbuilding workers--Strikes and lockouts)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

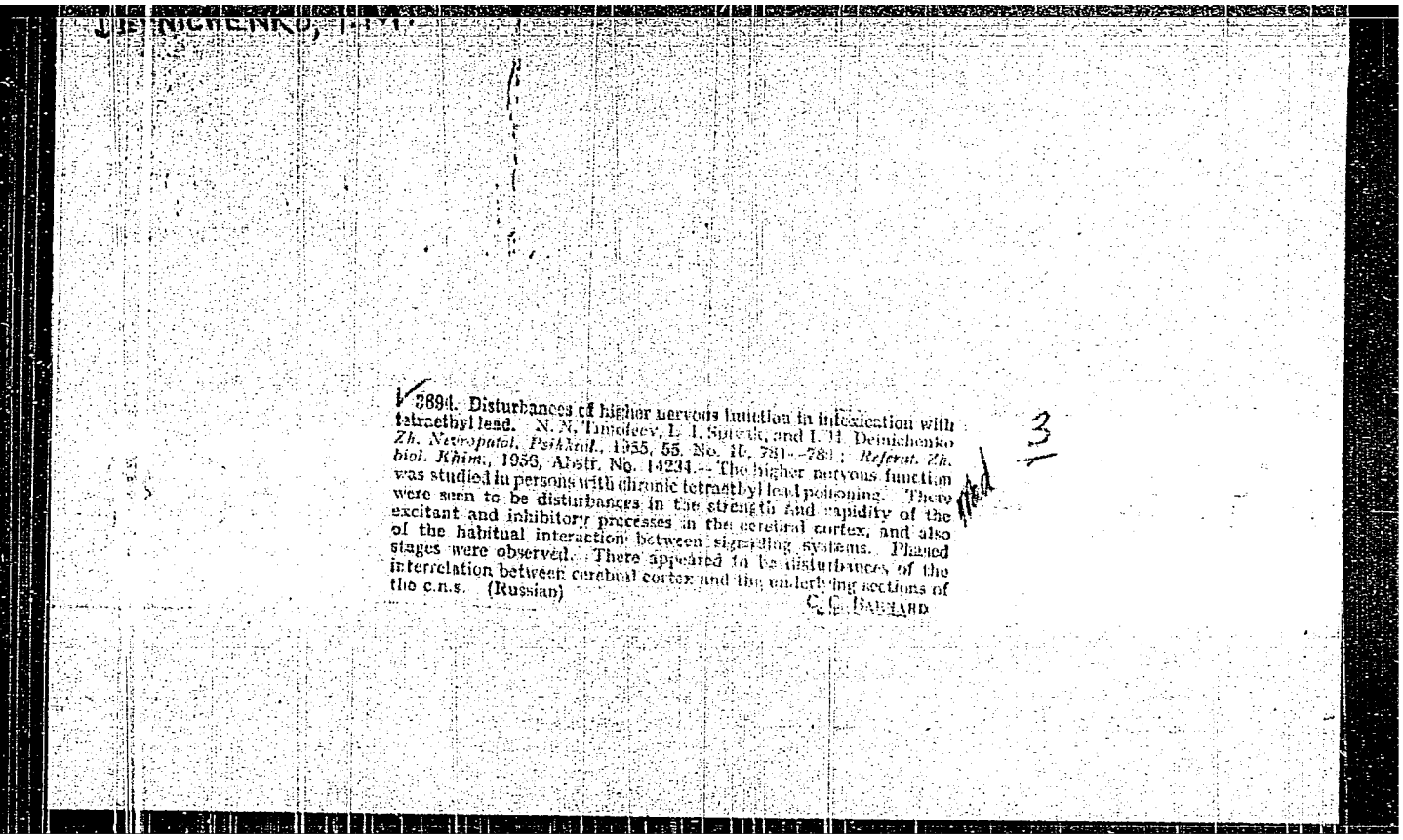
DEYNICHENKO, Gennadiy Valentinovich; KHARLANOV, Yuriy Fedorovich

[Through the eyes of a reporter; remarks on the Brussels World's Fair] Glazami reportera; zametki o Vsemirnoi vystavke v Briussele. Moskva, Sovetskaia Rossiia, 1959. 141 p. (MIRA 13:11)

(Brussels--Exhibitions)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8



3894. Disturbances of higher nervous function in intoxication with tetraethyl lead. N. N. Timofeev, L. I. Sinitsk, and I. H. Deinichenko *Zh. Nevropatol. PsikhiatI.*, 1955, 55, No. 10, 781–784; *Referat. Zh. biol. Khim.*, 1956, Abstr. No. 14234.—The higher nervous function was studied in persons with chronic tetraethyl lead poisoning. There were seen to be disturbances in the strength and rapidity of the excitant and inhibitory processes in the cerebral cortex, and also of the habitual interaction between signalling systems. Planed stages were observed. There appeared to be disturbances of the interrelation between cerebral cortex and the underlying sections of the c.n.s. (Russian)

C. G. BARNARD

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

NATALICH, A.; DEYNIKIN, A.

Piston reconditioning in the 6NVD-48 diesel engines. Mekh. trans. 24 no.6:32 '65. (MIRA 18:8)

1. Inzhener-inspektor Rechnogo Registra (for Natalich). 2. Mekhanik-nastavnik Volgo-Donskogo rechnogo parokhodstva (for Deynikin).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DE'NINA, A. D.

"Intracranial Blood Discharge in New Born Babies," Cand Med Sci, Khar'kov Medical Inst, Khar'kov, 1953. (RZhBiol, No 2, Sep 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNINA, A.D., kandidat meditsinskikh nauk.

Etiology, clinical aspects, treatment and prevention of intracranial hemorrhage in the newborn. Akush. i gin. 32 no.1:38-41 Ja-F '56 (MLRA 9:6)

1. Iz kafedry akusherstva i ginekologii (zav.-prof. I.I. Grishchenko) lechebnogo fakul'teta Khar'kovskogo meditsinskogo instituta.

(CEREBRAL HEMORRHAGE, in inf. and child in newborn)
(INFANTS NEWBORN, dis. cerebral hemorrh.)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

SHUL'MAN, L.A.; DEYNKER, N.Yu. [Deinker, N.IU.]

Model of a quantum harmonic oscillator with friction relative to the dispersion theory [with summary in English]. Ukr.fiz.zhur. 3 no.4:455-459 Jl-Ag '58. (MIRA 11:12)

1. Tadzhikskiy gosudarstvennyy universitet im. V.I. Lenina.
(Oscillations)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYNO, M. I., Col

Listed as author of article, "Firing for Effect at Night Without Illuminating the Target," which appeared in Artilleriyskiy Zhurnal, No 8, 1954. Sovetskaya Armiya, Group of Soviet Forces, Germany, 18 Aug 54

SO: SUM 291, 2 Dec 1954

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYSHMAN, E.N.; RODICHEVA, G.V.; BRITSYNA, Zh.A.

Indium sulfates. System $In_2(SO_4)_3 - H_2SO_4 - H_2O$. Zhur.neorg.khim. 7 no.4:877-884 Ap '62. (MIRA 15:4)

1. Institut obshchey i neorganicheskoy khimii im. N.S.Kurnakova AN SSSR.

(Indium sulfates)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

KAMYSHEV, N.S., otv. red.; BOYEVSKIY, A.S., red.; VIKTOROV, D.P., red.; DEYSLE, V.F., red.; SKRYABIN, M.P., red.

[Studies of the Voronezh section of the All-Union Botanical Society] Nauchnye zapiski Voronezhskogo otdeleniia Vsesoiuznogo botanicheskogo obshchestva. Voronezh, Izd.-vo Voronezhskogo univ., 1964. 106 p. (MIRA 18:5)

1. Vsesoyuznoye botanicheskoye obshchestvo.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYTCH, A.Ye.

PLATUNOV, B.A.; DEYTCH, A.Ye.

Application of methylene blue to the gravimetric determination of tungsten. Vestnik Leningrad. Univ. '50, No.6, 45-63. (MLRA 3:10)
(CA 47 no.22:12117 '53)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYTER, A. I.

Neck - Diseases

Atypical cervical fistulas. Vest. oto-rin 15 No. 1, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYTER, A.I.

SOKOLEV, A.V., kandidat meditsinskikh nauk; DEYTER, A.I.

Multiple otogenous subdural and intracerebral abscesses. Vest. otorin. 16 no.4:42-46 Jl-Ag '54. (MLRA 7:8)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. prof. N.N.Usol'tsev) Smolenskoy oblastnoy klinicheskoy bol'nitsy.

(BRAIN, abscess,
*multiple, otogenous)
(ABSCESS,
*brain, multiple, otogenous)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYTER, A. I.,

Surgical methodology and technique in median cysts and fistulas of the neck. Vest.oto-rin 17 no.3:80 My-Je '55. (MLRA 8:9)

1. Iz kliniki bolezney ukha, gorla i nosa (zav.-prof. N.N. Usol'tsev) Smolenskogo meditsinskogo instituta.
(NECK--SURGERY) (CYSTS) (FISTULA)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYTER, U.; BELYAYEV, A.I.

Obtaining pure magnesium by electrolytic refining. Izv. vys. ucheb. zav.; tsvet. met. 6 no.4:94-101 '63. (MIRA 16:8)

1. Moskovskiy institut stali i splavov, kafedra chistykh metallov i poluprovodnikovykh materialov.
(Magnesium--Electrometallurgy)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

BULBUKA, I.[Bulbuca, I.]; GAVRILESKU, S.[Gavrilescu, S.]; DEITSH, G. [Deits, G.]; DIAKONESKU, N.[Diaconescu, N.]; LOZANU, K. [Lozany, K.], red.; AFILIPOAYYEY, Ye.[Afilipoaiei, E.], tekhn. red.

[Methods for studying the hydro-electrolytic balance] Metody issledovaniia gidro-elektroliticheskogo ravnovesiia. Bucharest, Med.izd-vo, 1962. 175 p. (MIRA 16:7)
(BODY FLUIDS)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYVIS, Dzherom [Davis, Jerome], prof. (SShA)

All nations against war. Priroda 51 no.9:25 S '62. (MIRA 15:9)
(Disarmament—Congresses)

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

L 48133-65 EWT(m)/EPF(c)/EPR/EWP(j)/EWA(c) Pc-4/Pr-4/Ps-4 RPL WW/JW/RM

ACCESSION NR: AP5003652 S/0064/65/000/003/0178/0180

36
B

AUTHORS: Deyzenrot, I. V.; Kogan, V. B.; Fridman, V. M.

TITLE: Method of separating pure hexamethylenediamine

SOURCE: Khimicheskaya promyshlennost', no. 3, 1965, 178-180

TOPIC TAGS: hexamethylenediamine, adiponitrile, hexamethyleneimine, rectification, polymer, nylon technology

ABSTRACT: A method of rectification purification of hexamethylenediamine (HMD), obtained by hydration of adiponitrile (ADN), to remove hexamethyleneimine (HMI) and other impurities was developed. First, the vapor-liquid equilibrium conditions of the HMI-HMD, HMD-ADN, and HMI-ADN systems were determined by measuring temperature, pressure, and vapor tension with an ebullioscope (type used by U.S. Bureau of Standards) and by calculating the equilibrium conditions from a set of 7 equations. The pressure-temperature-phase separation relationships for the three systems are presented in graphical form, and other parameters (including activity coefficients) are given in table form. The pure HMD separation experiments were performed in a 1500-mm high, 30-mm diameter rectification column. The reaction mixture was introduced with ≈15% by weight of water.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

L 48133-65

ACCESSION NR: AP5008612

The first fractionation at atmospheric pressure and 95.5C removed a mixture of HMI and water (50% HMI); the second at 20-25 mm Hg contained 1,2-diaminocyclohexane and traces of H_2O and HMD; the third fractionation at 20 mm Hg and 94C yielded pure HMD as determined by its crystallization temperature of 40.9C. The ADN had to be cleaned by the permanganate method before using to obtain pure HMD. An industrial rectification method for obtaining pure HMD is recommended as shown in Fig. 1 on the Enclosure. Technical HMD with 15% H_2O is introduced in Column I where HMI and H_2O are removed. H_2O, low boiling point impurities and 1,2-diaminocyclohexane are removed in Column II. After a secondary purification pass in Column III the pure HMD is obtained from Column IV. Orig. art. has: 4 figures and 4 tables.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 01 SUB CODE: OC

NO REF SOV: 005 OTHER: 002

Card 2/3

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEZA, G.

Strengthening of banking monopolies in West Germany. Den.i kred. 18 no.8:63-71 Ag '60. (MIRA 13:7)
(Germany, West—Banks and banking)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEZA, G.

Role of the credit system of the German Federal Republic in foreign economic expansion. Den. i kred. 20 no.9:78-87 S '62. (MIRA 15:9)

(Germany, West--Credit)
(Germany, West--Foreign economic relations)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

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KASHCHENKO, L.I., dots.; DEZA, M.I., dots.; KHRIPCHENKO, M.G., red.

[Manual on the collection of herbaria and the description of plants for students of the agronomy zoology, and veterinary faculties] Posobie po sboru gerbariia i opisaniiu rastenii dlia studentov agronomicheskogo, zoologicheskogo i veterinarnogo fakul'tetov. Frunze, 1964. 14 p. (MIRA 18:9)

1. Frunze. Kirgizskiy sel'skokhozyaystvennyy institut. Kafedra botaniki i fiziologii rastenii.

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L 22304-66 EWA(h)/EWT(1) JM

ACC NR: AP6005861 SOURCE CODE: UR/0406/65/001/003/0029/0038

AUTHOR: Deza, M. Ye.

37
32
B

ORG: None

TITLE: Comparison of arbitrary additive noises by the effectiveness of their detection or correction

SOURCE: Problemy peredachi informatsii, v. 1, no. 3, 1965, 29-38

TOPIC TAGS: noise detection, random noise signal, error correcting code

ABSTRACT: This article is a generalization of an earlier work (Ob ispravlenii proizvol'nogo shuma i naikhudshem shume. Teoriya peredachi informatsii, sb., M., Izd. "Nauka", 1964, 26-31) in which the author investigated only the problem of the effective correction of noises for a binary case. The present work investigates the problem of a comparison, in a finite Abelian group, of all the additive noises of a prescribed capacity by the capacity of the maximum detection or correction codes. The capacities of the mazimum codes, detecting or correcting the best or the worst noises of the prescribed capacity, are found with an accuracy with one order of magnitude; some of the characteristics of these noises are indicated. In the binary case, the problem of the comparison of

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L 22304-66

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the noises by the effectiveness of detection is solved completely. The statement of the problem originated as a result of comments by A. A. Kharkevich, R. L. Dobrushin, E. L. Blokh, M. S. Pincker, and V. I. Levenshteyn.

SUB CODE: 09 / SUBM DATE: 17Mar65 / ORIG REF: 003

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEYZENROT, I. V.

USSR/Thermodynamics. Thermochemistry. Equilibria. Physico-Chemical Analysis. Phase Transitions. B-8

Abs Jour : Ref Zhur - Khimiya, No 8, 1957, 26178

Author : V.B. Kogan, I.V. Deyzenrot, T.A. Kul'dyayeva, V.M. Fridman
Title : Solubility in Systems Consisting of Methanol, Water and Normal Paraffin Hydrocarbons.

Orig Pub : Zh. prikl. khimii, 1956, 29, No 9, 1387-1392

Abstract : The mutual solubility (MS) in binary systems consisting of methanol I and n-hexane II, n-heptane III n-octane and n--nonane, as well as in ternary systems containing water besides the above mentioned components was studied at 2 to 45°. The MS of methanal, water and normal hydrocarbons at temperatures between 20 and 10° decreases with the increase of the molecular weight of the hydrocarbon and changes very little with the temperature drop within the range of from 20 to 10°.

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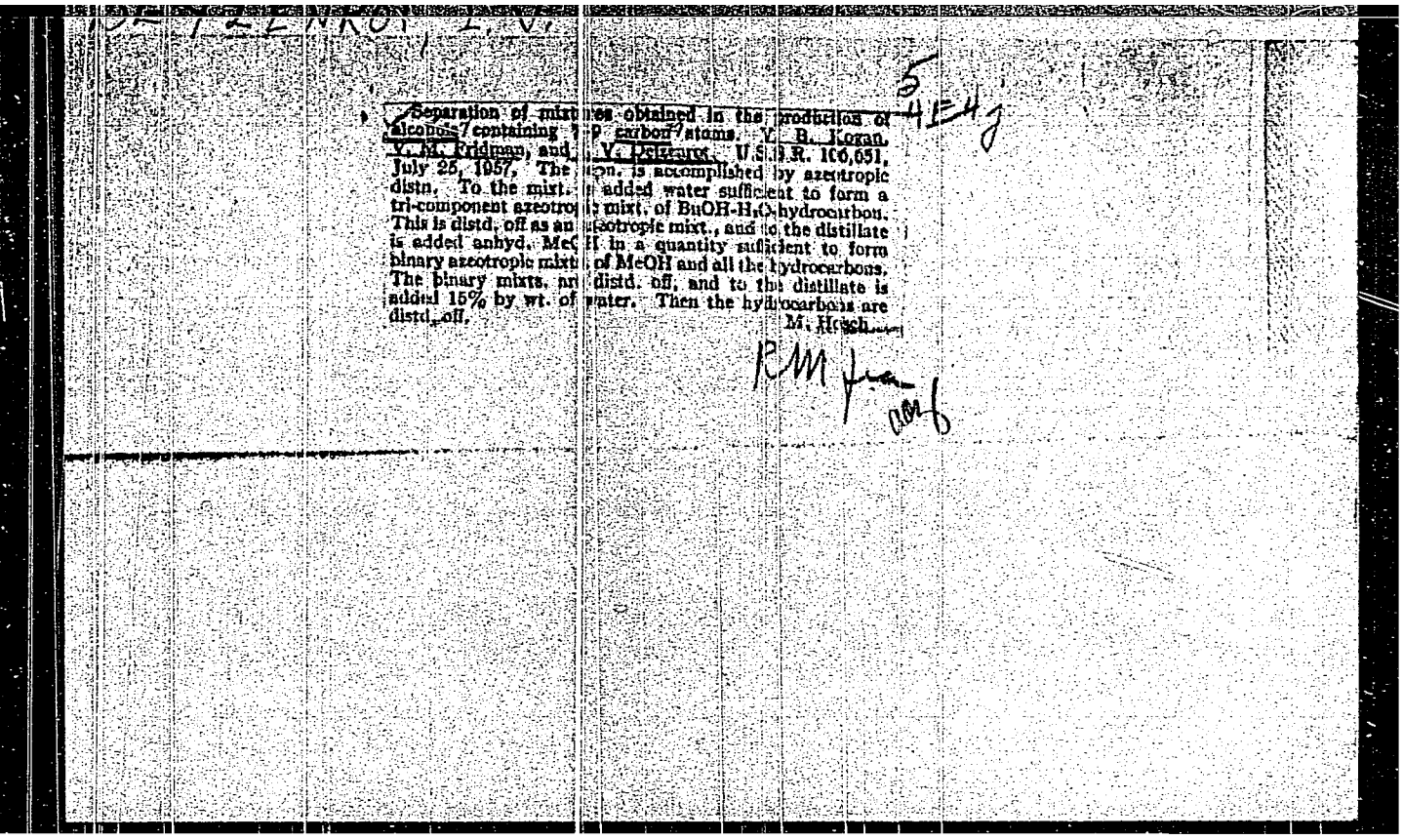

Separation of mixt[ures] [ob]tained in the production of [alcohols] containing [3] carbon atoms. V. B. Koran, V. M. Fridman, and [V.] Petrunt. U.S.S.R. 106,651, July 25, 1957. The [sep]n. is accomplished by azeotropic distn. To the mixt. added water sufficient to form a tri-component azeotro[pic] mixt. of BuOH-H$_2$O-hydrocarbon. This is distd. off as an azeotropic mixt., and to the distillate is added anhyd. MeOH in a quantity sufficient to form binary azeotropic mixt. of MeOH and all the hydrocarbons. The binary mixts. are distd. off, and to the distillate is added 15% by wt. of water. Then the hydrocarbons are distd. off.

M. Hirsch

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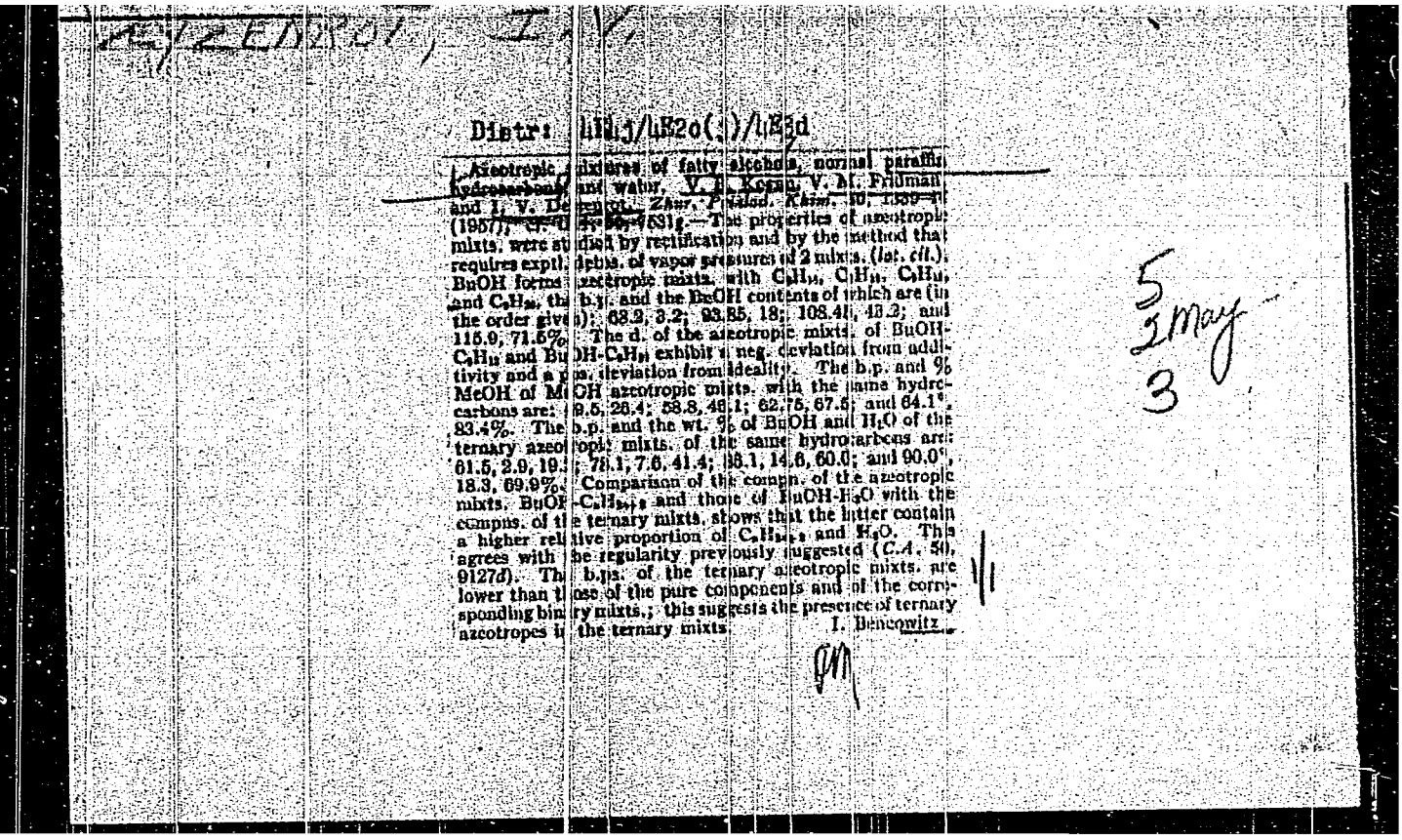

Distr: 4H3j/4R2o(2)/4E3d

Azeotropic mixtures of fatty alcohols, normal paraffin hydrocarbons and water. V. E. Kosa, V. M. Fridman and I. V. De[illegible] Zhur. Prikladn. Khim., 30, 1509–[illegible] (1957); C.A. [illegible]. 4631g.—The properties of azeotropic mixts. were st[illegible]died by rectification and by the method that requires expti. detns. of vapor pressures of 2 mixts. (loc. cit.). BuOH forms [illegible] azeotropic mixts. with C_6H_{14}, C_7H_{16}, C_8H_{18}, and C_9H_{20}, th[illegible] b.p. and the BuOH contents of which are (in the order give[illegible]): 68.2, 3.2; 93.85, 18; 108.4[illegible], 48.2; and 115.9, 71.5%. The d. of the azeotropic mixts. of BuOH-C_6H_{14} and Bu[illegible]OH-C_9H_{20} exhibit a neg. deviation from additivity and a p[illegible]os. deviation from ideality. The b.p. and % MeOH of M[illegible]OH azeotropic mixts. with the same hydrocarbons are: [illegible]9.5, 26.4; 58.8, 49.1; 62.75, 67.5; and 64.1°, 83.4%. The b.p. and the wt. % of BuOH and H_2O of the ternary azeot[illegible]opic mixts. of the same hydrocarbons are: 61.5, 2.9, 19.[illegible]; 78.1, 7.6, 41.4; 88.1, 14.6, 60.0; and 90.0°, 18.3, 69.9%. Comparison of the compn. of the azeotropic mixts. BuOH-C_nH_{2n+2} and those of BuOH-H_2O with the compns. of the ternary mixts. shows that the latter contain a higher rel[illegible]tive proportion of C_nH_{2n+2} and H_2O. This agrees with [illegible]he regularity previously suggested (C.A. 50, 9127d). Th[illegible] b.ps. of the ternary azeotropic mixts. are lower than t[illegible]ose of the pure components and of the corresponding bin[illegible]ry mixts.; this suggests the presence of ternary azeotropes i[illegible] the ternary mixts. I. Beneowitz

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEZA, G.

Apologist for West German monopolies ("Current monetary and economic policy problems by Hermann J.Abs. Reviewed by G.Deza). Den.i kred. 19 no.6:86-88 Je '61. (MIRA 14:6)
(Economic policy) (Currency question) (Abs, Hermann J.)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEZA, M. I.

DEZA, M. I. -- "Effect of Growth Regulators on Rooting of Mulberry Cuttings." *(Dissertations For Degrees In Science and Engineering Defended At USSR Higher Educational Institutions)(30) Min Higher Education USSR, Kirgiz Agricultural Inst imeni K. I. Skryabin, Frunze, 1955

SO: KNIZHNAYA LETOPIS' No 30, 23 July 1955

* For the Degree of Candidate in Agricultural Sciences.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEZA, M.Ye.

Comparison of arbitrary additive noises on the effectiveness of their detection or correction. Probl. pered. inform. 1 no.3:29-38 '65. (MIRA 18:11)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

L 27859-65 EWT(d)/EWT(1)/T/EWP(1) Pg-4/Ph-4/Pl-4 IJP(c)
ACCESSION NR: AT4049769 S/2945/64/000/016/0026/0031

37

AUTHOR: Dezs, M. Ye.

B+1

TITLE: Correcting an arbitrary noise and the worst case noise

SOURCE: AN SSSR. Institut problem peredachi informatsii. Problemy peredachi informatsii, no. 16, 1964. Teoriya peredachi informatsii (Theory of information transmission), 26-31

TOPIC TAGS: information transmission, noise, correcting code

ABSTRACT: The paper examines the following problem: for a given set A, $\{0\} \subset A \subset E_n$ (of noise) among all sets B, $\{0\} \subset B \subset E_n$ (of codes) such that $(A+A) \cap (B+B) = \{0\}$ (of codes correcting noise A), to find at least one set B(A) having a maximum number of elements (a maximal code correcting noise A). [The condition $(A+A) \cap (B+B) = \{0\}$ denotes that $a_1 + b_k \neq a_j + b_l$ for $a_i, a_j \in A$ and $b_k, b_l \in B$.] The problem is a generalization of the known problem of correcting t errors. It is related to the problem of correcting errors when processing signals. The "worst" case and the "best" case noise of m elements is also investigated and maximal codes for correcting noises of a special type are developed. Orig. art. has: 53 formulas.

Card 1/2

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L 27859-65
ACCESSION NR: AT4049769

ASSOCIATION: none

SUBMITTED: 15Oct62 ENCL: 00 SUB CODE: MA, DP

NO REF SOV: 000 OTHER: 001

Card 2/2

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEZELIC, GJ.; TEZAK, B.

Mchtorics of the precipitation processes. XVIII. The influence of temperature and concentration on the precipitation of silver bromide. In English. p. 119.

Periodical: CROATICA CHEMICA ACTA.

SCIENCE

No. 2, 1958.

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, No. 4
April 1959, Uncl.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEZELIC, GJ.

5

The refractive-index increment of dextran for the molecular-weight determination by light scattering. V. M. Zebec, Gj. Deželić, J. Kratohvil, and K. F. Schulz (Univ. Zagreb, Yugoslavia). *Croat. Chem. Acta* 30, 251-5(1958)(in English).—On comparing published data for the increment, dn/dc, of dextran in water, considerable differences were noted at wave length 546 mμ. These differences may cause serious errors in calcg. mol. wts. of dextran from light-scattering measurements. The following values for dn/dc were found (in cc./g.): 0.1518 ± 0.0012 for 436 mμ, 0.1481 ± 0.0013 for 546 mμ, and 0.1476 ± 0.0013 for 578 mμ. These values agree very closely with the mean values published in the literature. J. Kratohvil

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEZELIC, Gj.

Some additional light scattering functions for polystyrene latexes. Croat chem acta 33 no.1:15-31 '61.

1. Laboratory of Physical Chemistry, Faculty of Science, and Department of Applied Biochemistry, "Andrija Stampar" School of Public Health, Faculty of Medicine, University of Zagreb, Zagreb, Croatia, Yugoslavia.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DŽELIC, Gj.

An attachment to the Beckman model DU spectrophotometer for precise measurements of turbidity. Croat chem acta 33 no.1:51-54 '61.

1. Laboratory of Physical Chemistry, Faculty of Science, and Department of Applied Biochemistry, "Andrija Stampar" School of Public Health, Faculty of Medicine, University of Zagreb, Zagreb, Croatia, Yugoslavia.

(Turbidity) (Spectrophotometer)

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEZELIC, Gj. (Zagreb)

Experimental determination of absolute turbidities of pure liquids and standard polystyrene solutions. Croat chem acta 33 no.3:99-106 '61.

1. Laboratory of Physical Chemistry, Faculty of Science and Department of Applied Biochemistry, "Andrija Stampar" School of Public Health, Faculty of Medicine, University of Zagreb, Zagreb, Croatia, Yugoslavia.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

ZEBEC, M.; DEZELIC, Gj.; DEZELIC, N.; KRATOHVIL, J.P.

Physicochemical studies of dextran. I. Characterization of clinical samples. Croat chem acta 36 no.1:13-26 '64.

1. Department of Applied Biochemistry, Andrija Stampar School of Public Health, Faculty of Medicine, University of Zagreb, Zagreb. Present address: Clarkson College of Technology, Potsdam, New York, U.S.A. (for Kratohvil); present address: Fuels Branch Research Council of Alberta, Edmonton, Alberta, Canada (for Shulz).

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

KOLAR, Z.; DEZELIC, Gj.; RANDIC, M.; TRINAJSTIC, N.; SEKE, V.

Book reviews. Croat chem acta 35 no.4:315-319 '63.

1. Clan Redakcionog odbora, "Croatica Chemica Acta" (for Randic).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

TRKOVNIK, M.; DEZELIC, M.; HUKOVIC, S.

The anticoagulation action of some new synthesized 4-hydroxycoumarin derivatives. Bul sc Youg 7 no.3:62-63 Je '62.

1. Farmakoloski institut Medicinskog fakulteta, Sarajevo. 2. Membre de la Rédaction, "Bulletin scientifique" (for Dezelic).

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

BOBAREVIC, B.; HUKOVIC, S.; DEZELIC, M.

Pharmacological investigation of pyrrole-2-aldehyde and barbituryl-pyrryl-methines on the hypnotic and spasmolytic activity. Bul sc Youg 7 no.3:64-65 Je '62.

1. Farmakoloski institut Medicinskog fakulteta, Sarajevo.

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"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEZELIC, Gj.

"Collection of problems in physical chemistry" by J.Bares, C.Cerny, V.Fried and J.Pick. Reviewed by Gj. Dezelic. Croat chem acta 34 no.1:67 '62.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

"APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8

DEZELIC, M.; POPOVIC, R.; GRUJIC-VASIC, J.

Polarographic studies on the auto-oxidation of vitamin C and on the problem of its stabilization. IV. Complexon III as a vitamin C stabilizer. Vojnosanit Pregl. 20 no.11: 707-711 N '63.

1. Medicinski fakultet, Institut za hemiju, Univerzitet u Sarajevu.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"

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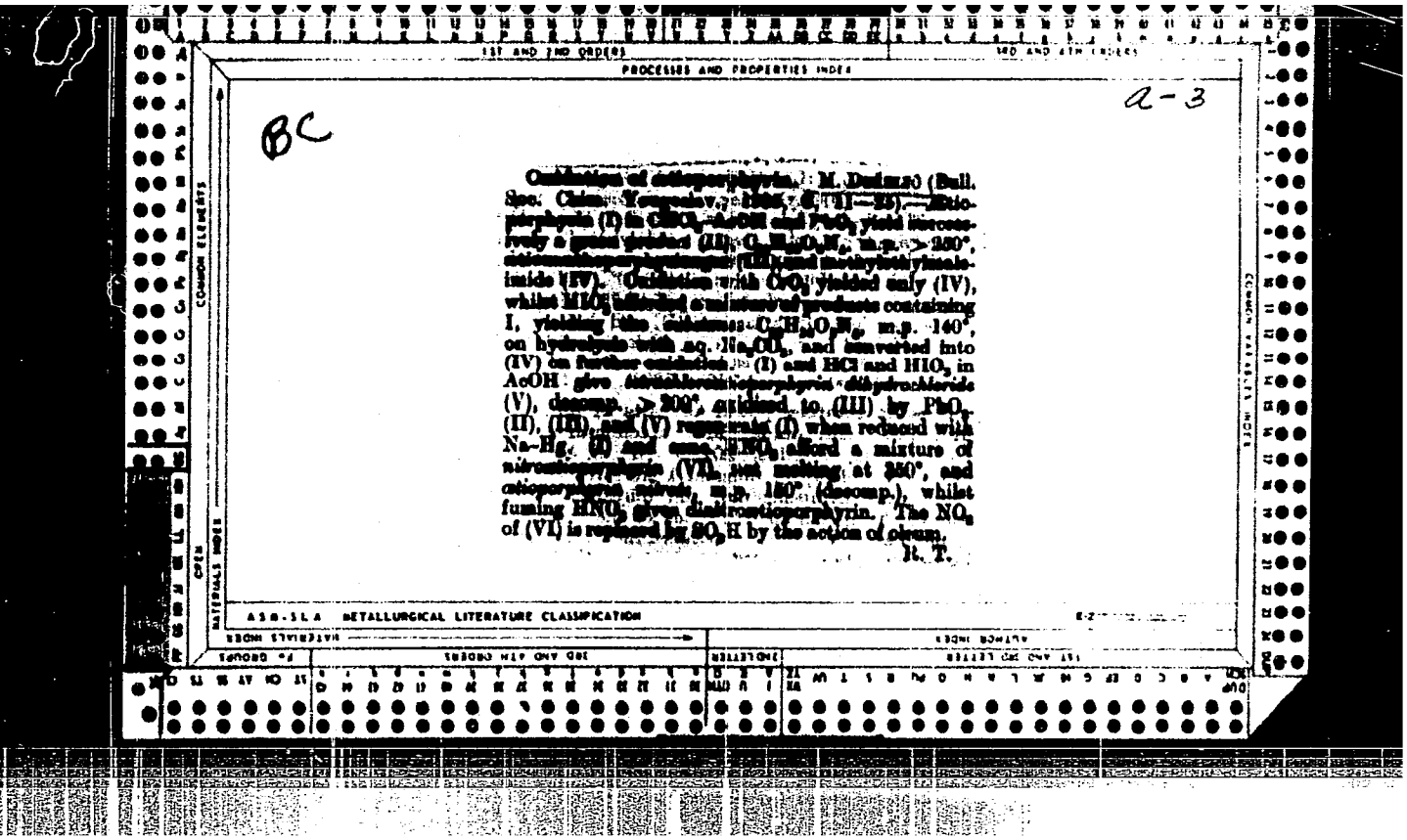

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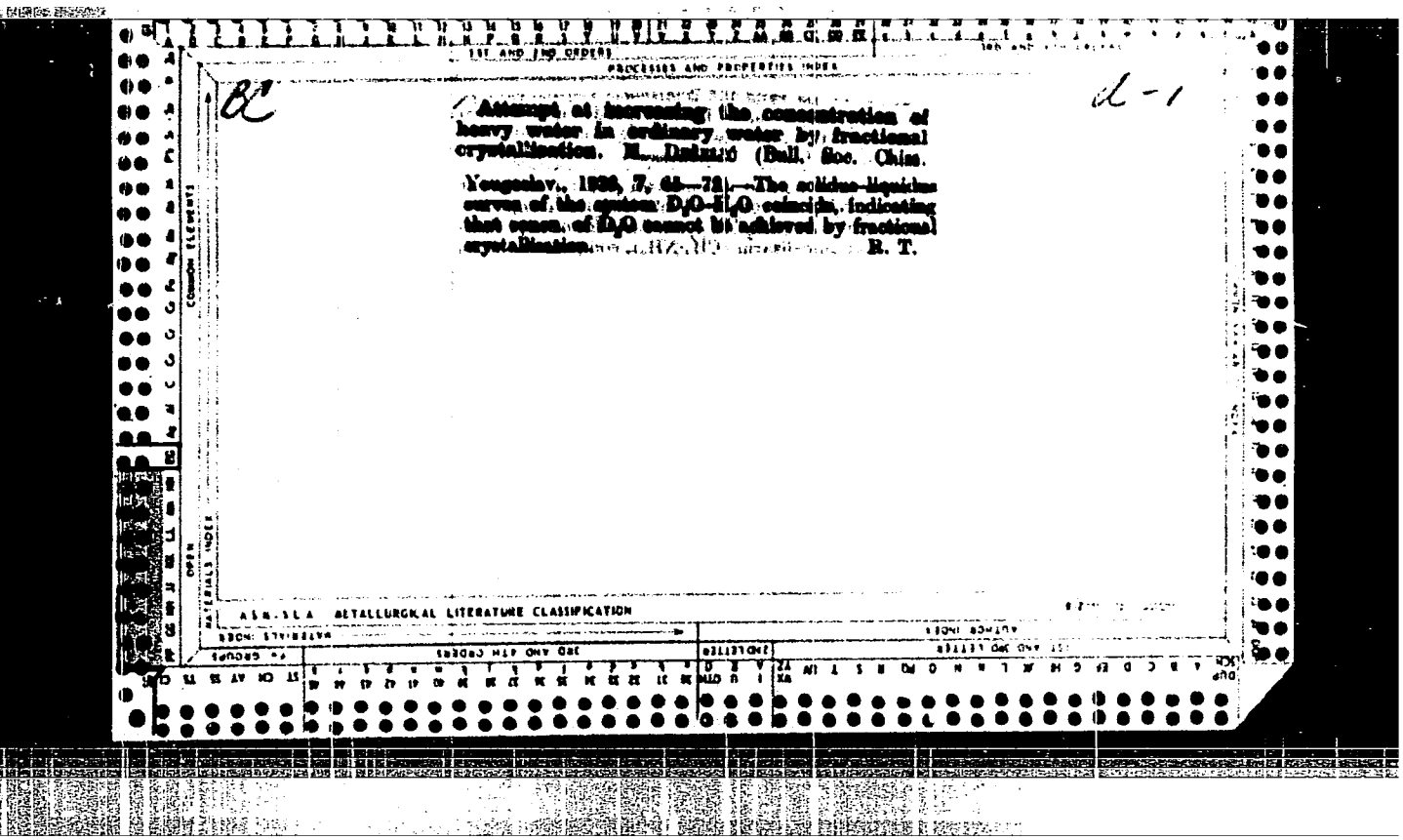

Attempt at increasing the concentration of heavy water in ordinary water by fractional crystallisation. K. Dzinzo (Bull. Soc. Chim. Yougoslav., 1936, 7, 68—72).—The solidus-liquidus curves of the system D_2O-H_2O coincide, indicating that enrichment of D_2O cannot be achieved by fractional crystallisation. R. T.

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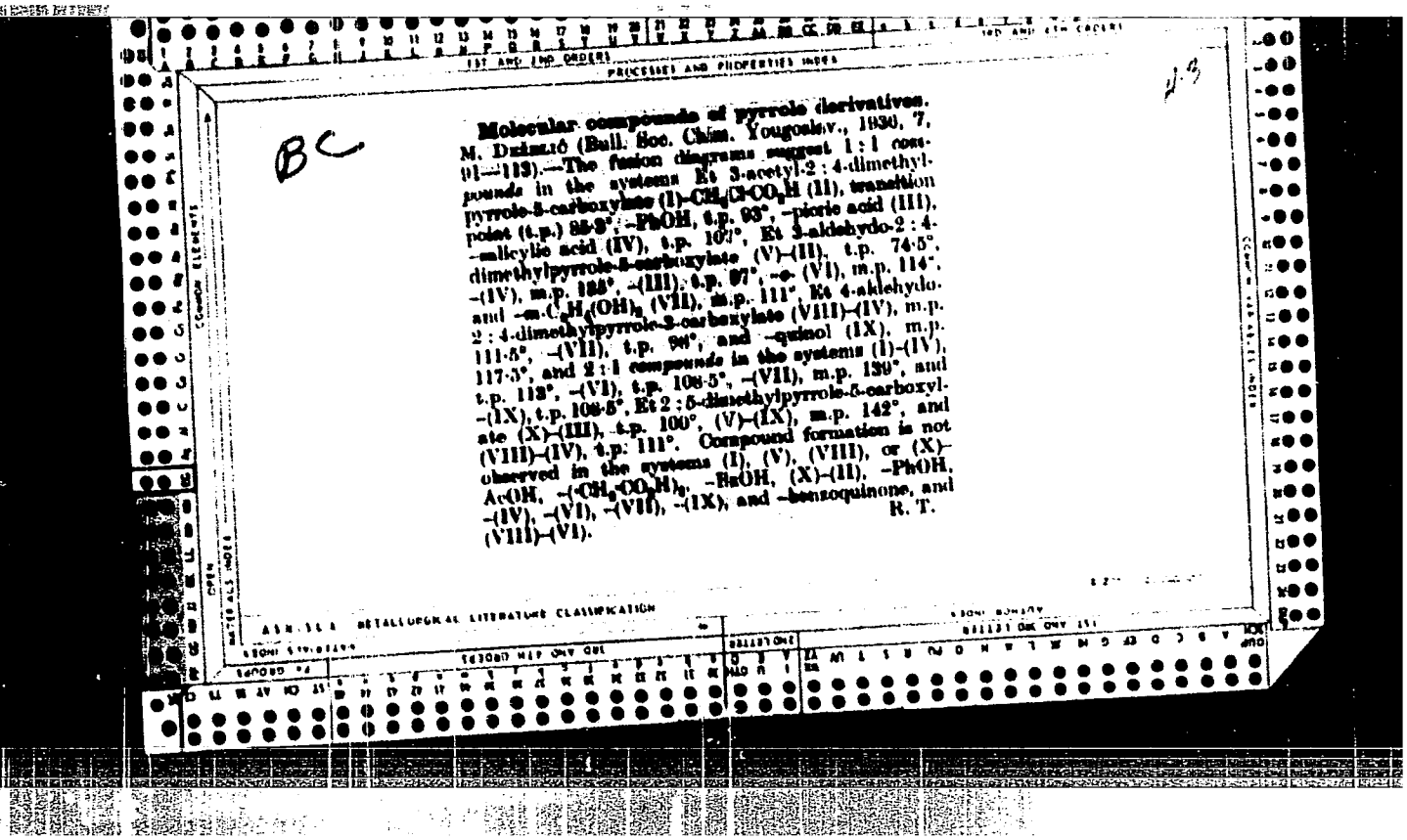

Molecular compounds of pyrrole derivatives. M. Dražić (Bull. Soc. Chim. Yougoslav., 1930, 7, 91—113).—The fusion diagrams suggest 1 : 1 compounds in the systems Et 3-acetyl-2 : 4-dimethylpyrrole-5-carboxylate (I)–CH_3CO_2H (II), transition point (t.p.) 85·5°; –PhOH, t.p. 93°; –picric acid (III), –salicylic acid (IV), t.p. 107°, Et 3-aldehydo-2 : 4-dimethylpyrrole-5-carboxylate (V)–(II), t.p. 74·5°, –(IV), m.p. 125°, –(III), t.p. 97°, –o- (VI), m.p. 114°, and –m-$C_6H_4(OH)_2$ (VII), m.p. 111°. Et 4-aldehydo-2 : 4-dimethylpyrrole-3-carboxylate (VIII)–(IV), m.p. 111·5°, –(VII), t.p. 96°, and –quinol (IX), m.p. 117·5°, and 2 : 1 compounds in the systems (I)–(IV), t.p. 113°, –(VI), t.p. 108·5°, –(VII), m.p. 130°, and –(IX), t.p. 108·5°, Et 2 : 5-dimethylpyrrole-5-carboxylate (X)–(III), t.p. 100°, (V)–(IX), m.p. 142°, and (VIII)–(IV), t.p. 111°. Compound formation is not observed in the systems (I), (V), (VIII), or (X)–AcOH, –$(CH_2{\cdot}CO_2H)_2$, –BuOH, (X)–(II), –PhOH, –(IV), –(VI), –(VII), –(IX), and –benzoquinone, and (VIII)–(VI).

R. T.

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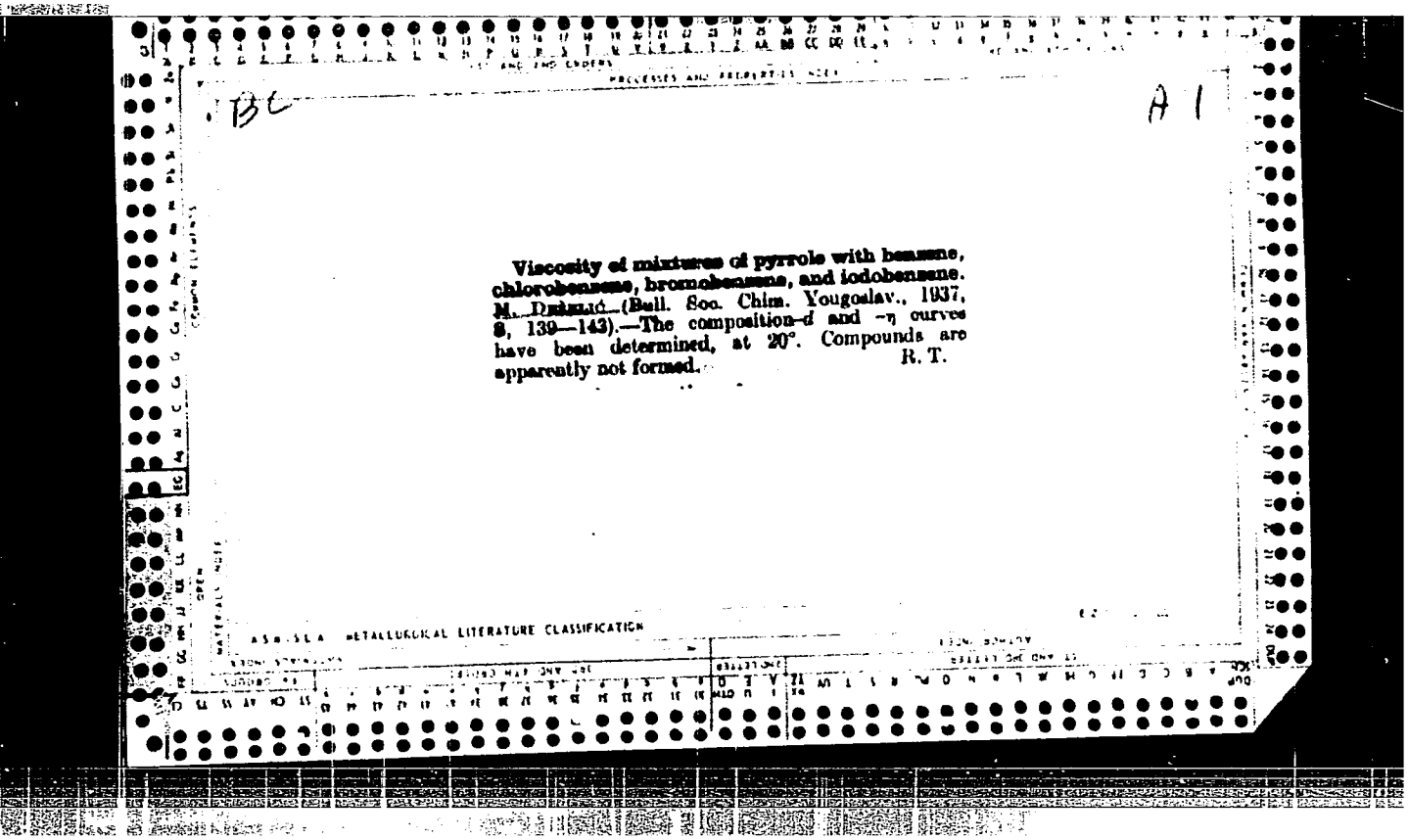

Viscosity of mixtures of pyrrole with benzene, chlorobenzene, bromobenzene, and iodobenzene. M. Đenišić (Bull. Soc. Chim. Yougoslav., 1937, 8, 139—143).—The composition-d and $-\eta$ curves have been determined, at 20°. Compounds are apparently not formed. R. T.

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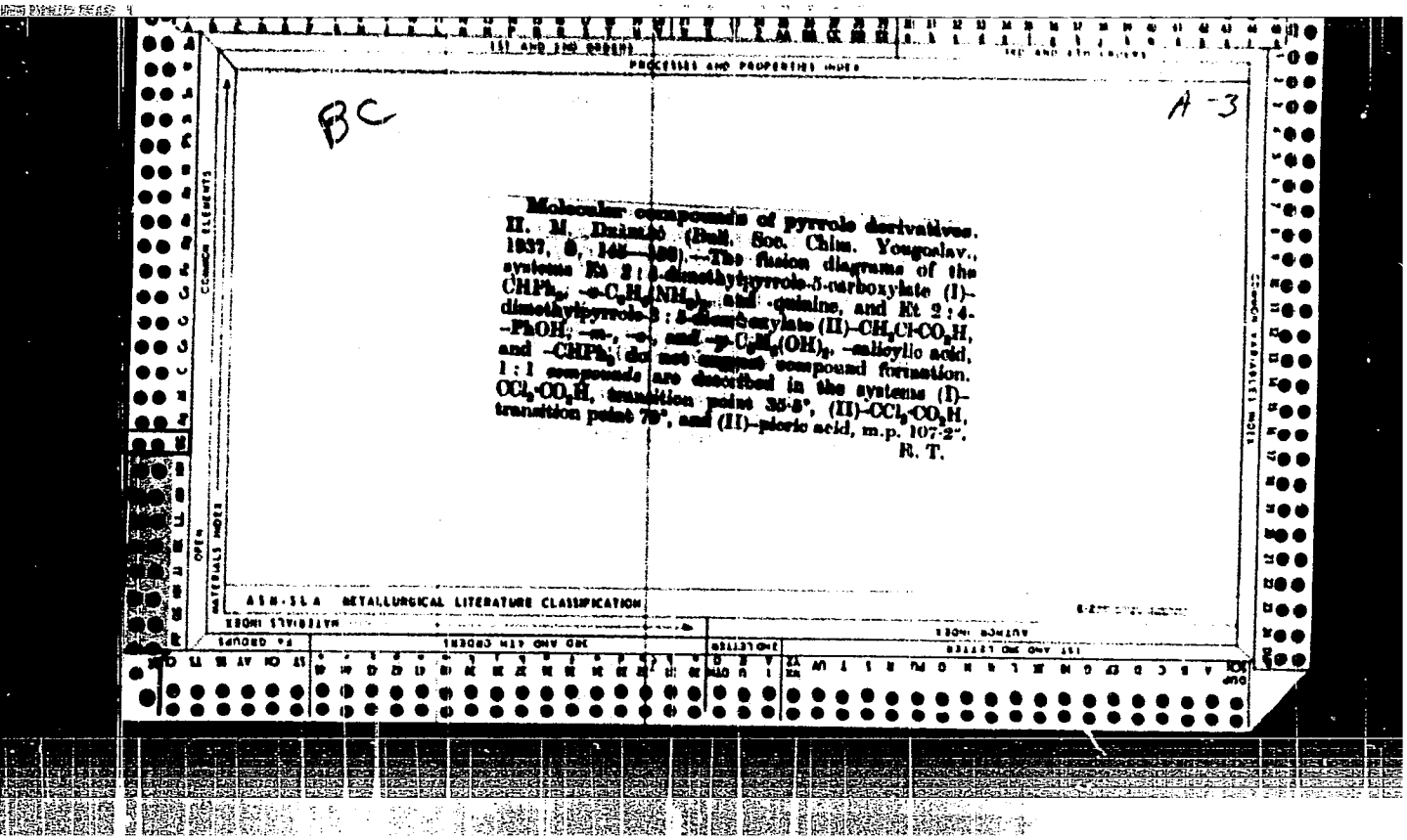

BC

A-3

Molecular compounds of pyrrole derivatives. II. M. Dainović (Bull. Soc. Chim. Yougoslav., 1937, 8, 148—160).—The fusion diagrams of the systems Et 2 : 5-dimethylpyrrole-3-carboxylate (I)–$CHPh_3$, –α-$C_5H_4N\cdot NH_2$, and –quinine, and Et 2 : 4-dimethylpyrrole-3 : 5-dicarboxylate (II)–$CH_2Cl\cdot CO_2H$, –PhOH, –m–, –o–, and –p-$C_6H_4(OH)_2$, –salicylic acid, and –$CHPh_3$ (to test suspected compound formation. 1 : 1 compounds are described in the systems (I)–$CCl_3\cdot CO_2H$, transition point 35·8°, (II)–$CCl_3\cdot CO_2H$, transition point 79°, and (II)–picric acid, m.p. 107·2°.

R. T.

APPROVED FOR RELEASE: 06/12/2000 CIA-RDP86-00513R000410320003-8"